## 10/582015

# AP20 Rec'd PCT/PTO 07 JUN 2006

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re app	lication	of	:				
Yoshihis	oshihisa SHIRASAKI et al.			Mail Stop: PCT			
Serial No	o. NEW		:	Attorney Docket No. 2006_0638A			
Filed Jun	ne 7, 200	6	:				
PRODU	CTION I	MIDE DERIVATIVE, AND METHOD AND USE THERE to PCT/JP2004/018692 8, 2004]	OF				
		INFORMATION DISC	LOS	URE STATEMENT			
P.O. I	3ox 145	r Patents 0 A 22313-1450					
Sir:							
P	ursuant	to the provisions of 37 CFR 1.5	56, 1.	97 and 1.98, Applicants request			
considera	ation of	the references listed on attache	d forr	n PTO-1449 and any additional information			
identified	i below	in paragraph 3. A legible copy	of ea	ch reference listed on the Form PTO-1449			
is enclos	ed, exce	pt a copy is not provided for:					
[2	X]	each U.S. Patent and U.S. Pate	nt app	olication publication;			
0		each reference previously cited in the international application PCT/; and/or					
0	ا ا	each reference previously cited	in pr	ior parent application Serial No.			
1a. [7	X] This	Information Disclosure Statem	ent is	submitted:			
		ree months of the filing date (or	r of e	ntry into the National Stage) of the			

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE.

#### and thus no certification and/or fee is required.

1b. [] This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 2. It is hereby certified
  - a. [] that each item of information contained in this Information Disclosure
     Statement was first cited in any communication from a foreign patent office in a
     counterpart foreign application not more than three months prior to the filing of
     the Statement. or
  - b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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- 3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
- For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a full or partial English language translation submitted herewith,
  - b. [] a foreign patent office search report (in the English language) submitted herewith.
  - c. [] the concise explanation contained in the specification of the present application at page,
  - d. [] the concise explanation set forth in the attached English language abstract,
  - e. [] the concise explanation set forth below or on a separate sheet attached to the reference:
- [X] A foreign patent office search report citing one or more of the references is enclosed along with the Written Opinion.

Respectfully submitted,

Yoshihisa SHIRASAKI et al.

y Warren M. Cheek, Jr.

Registration No. 33,367 Attorney for Applicants

WMC/dlk Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250

June 7, 2006

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S)						<b>1</b> 0°/582	0958201 <b>5</b>			
				APPLICANT Yoshihisa SHIRASAKI et al.						
(Use several sheets if necessary)  Date Submitted to PTO: June 7, 2006				FILING DATE June 7, 2006			GROUP			
U.S. PATENT DOCUMENTS										
'EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS		FILING DATE IF APPROPRIATE		
/CB/	AA	5,541,290	7/1996	Harb	eson et al.					
/CB/	АВ	5,650,508	7/1997	F	Powers					
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		DOCUMENT NUMBER	DATE	c	OUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
/CB/	AF	98/50065	11/1998		wo			Abstract		
/CB/	AG	94/00095	1/9994		wo					
/CB/	АН	92/12140	7/1992		wo					
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	AJ									
		OTHER	DOCUMENT(S) (	Including Auth	or, Title, Date, Pertir	nent Pages, Et	c.)			
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/CB/	AL	E. Caba et al., "Peptideyl a-Keto Amide Inhibitor of Calpain Blocks Excitotoxic Damage without Affecting Signal Transduction Events", Journal of Neuroscience Research, Vol. 67, No. 6, pp. 787-794, 2002.								
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EXAMINER /Christina Bradley/ (07/14/2008) DATE CONSIDERED										

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Sheet 2 of 3			INFORM	IATION DISCLO	SURE STATEMEN	C'dPCT/PT	0 07 111	1 2006			
FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE				ATTY DOC	TTY DOCKET NO. SERIAL NEW		<b>1</b> 0/582015				
DATENT AND TRADEMARK OFFICE  LIST OF REFERENCES GITED BY APPLICANT(S)  (Use several sheets if necessary)  Date Submitted to PTO: June 7, 2006					APPLICANT Yoshihisa SHIRASAKI et al.						
				FILING DA			GROUP				
				U.S. PATENT DO	OCUMENTS						
'EXAMINER INITIAL	12.5	DOCUMENT NUMBER	DATE		NAME CLASS		SUBCLASS FILING DATE IF APPROPRIATE				
/CB/	ВА	5,444,042	8/1995	Bar	Bartus et al.						
/CB/	ВВ	6,686,335	2/2004	Mall	amo et al.						
	вс										
			FO	REIGN PATENT	DOCUMENTS						
		DOCUMENT NUMBER	DATE	C	COUNTRY CLASS		SUBCLASS	TRANSLATION YES NO			
	BD		-								
	BE										
	BF										
	BG										
	вн										
		OTHE	R DOCUMENT(S)	(Including Author	or, Title, Date, Perti	nent Pages, Etc.)					
/CB/	ВІ	<ol> <li>O. Donkor et al., "Synthesis and Calpain Inhibitory Activity of α-Ketoamides with 2,3-Methanoleucine Stereoisomers at the P<sub>2</sub> Position", Bioorganic &amp; Medicinal Chemistry Letters, Vol. 10, No. 22, pp. 2497-2500, 2000.</li> </ol>									
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/CB/	BL	T. James et al., "New Inhibitors of Calpain Prevent Degradation of Cytoskeletal and Myelin Proteins in Spinal Cord In Vitro", Journal of Neuroscience Research, Vol. 51, No. 2, pp. 218-222, 1998.									
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EXAMINER	/Chri	stina Bradley/ (07/	14/2008)		DATE CONSIDER	RED					

IAP20 Rsc'd PCT/PTO U 7 JUN 2006 Sheet 3 of 3 INFORMATION DISCLOSURE STATEMENT SERIAL T-0/582015 FORM PTO 1449 (modified) ATTY DOCKET NO. 2006\_0638A U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE APPLICANT Yoshihisa SHIRASAKI et al. LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) EII ING DATE GROUP Date Submitted to PTO: June 7, 2006 June 7, 2006 U.S. PATENT DOCUMENTS DOCUMENT DATE CLASS SUBCLASS \*EXAMINER NAME FILING DATE IF INITIAL NUMBER APPROPRIATE CA СВ CC FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSLATION NUMBER VES CD CF CF CG СН OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) CI R. T. Bartus et al., "Calpain Inhibitor AK295 Protects Neurons from Focal Brain Ischemia", Stroke, Vol. 25, No. 11, pp. 2265-2270, November 1994. /CB/ C.I C. Wu et al., "High-Performance Liquid Chromatographic Reversed-Phase and Normal-Phase Separation of /CB/ Diastereomeric a-ketoamide Calpain Inhibitors", Journal of Chromatography A, Vol. 684, No. 2, pp. 243-249. 1994. CK O. Donkor et al., "Design, Synthesis, Molecular Modeling Studies, and Calpain Inhibitory Activity of Novel α-Ketoamides Incorporating Polar Residues at the P, -Position", Journal of Medicinal Chemistry, Vol. 47, No. 1, pp. /CB/ 72-79, 2004. /CB/ CL P. Mathur et al., "Cellular Events Preceding Acetaminophen Cataractogenesis Studied by Confocal Fluorescence Microscopy", Journal of Ocular Pharmacology and Therapeutics, Vol. 19, No. 5, pp. 483-492. 2003. СМ

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

CN

EXAMINER

(Christina Bradley/ (07/14/2008)